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NEWS 13 JUL 11 CHEMSAFE reloaded and enhanced
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NEWS 15 JUL 19 Coverage of Research Disclosure reinstated in DWPI

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
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Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:25:08 ON 24 JUL 2006

=> file medline, uspatful, wpids, dgene, embase, biosis, biotechds,
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 1.05 1.05

FILE 'MEDLINE' ENTERED AT 13:28:17 ON 24 JUL 2006

FILE 'USPATFULL' ENTERED AT 13:28:17 ON 24 JUL 2006
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=> s (l-amino acid producing bacteria)
4 FILES SEARCHED...
L1 82 (L-AMINO ACID PRODUCING BACTERIA)

=> s l1 and (methanol utilizing bacteria)
L2 1 L1 AND (METHANOL UTILIZING BACTERIA)

=> d l2 ti abs ibib tot

L2 ANSWER 1 OF 1 USPATFULL on STN
TI Method for producing L-amino acid using methylotroph
AB The present invention describes a method for producing an L-amino acid comprising culturing a microorganism having an ability to produce an L-amino acid in a medium, whereby the L-amino acid accumulates in the medium, and collecting the L-amino acid from the medium, whereby said microorganism comprises a methanol-utilizing bacterium having the Entner-Doudoroff pathway in which 6-phosphogluconate dehydratase activity and/or 2-keto-3-dexoy-6-phosphogluconate aldolase activity is enhanced.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:184552 USPATFULL
TITLE: Method for producing L-amino acid using methylotroph
INVENTOR(S): Gunji, Yoshiya, Kawasaki, JAPAN
Yasueda, Hisashi, Kawasaki, JAPAN

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2004142435 | A1 | 20040722 |
| APPLICATION INFO.: | US 2003-716473 | A1 | 20031120 (10) |

| | NUMBER | DATE |
|-----------------------|---|----------|
| PRIORITY INFORMATION: | JP 2002-336346 | 20021120 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | AJINOMOTO CORPORATE SERVICES, LLC, INTELLECTUAL PROPERTY DEPARTMENT, 1120 CONNECTICUT AVE., N.W., WASHINGTON, DC, 20036 | |
| NUMBER OF CLAIMS: | 6 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 2 Drawing Page(s) | |
| LINE COUNT: | 1528 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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FILE 'MEDLINE, USPATFULL, WPIDS, DGENE, EMBASE, BIOSIS, BIOTECHDS'
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L1 82 S (L-AMINO ACID PRODUCING BACTERIA)
L2 1 S L1 AND (METHANOL UTILIZING BACTERIA)

=> s l1 and (Entner-Doudoroff pathway)

L3 1 L1 AND (ENTNER-DOUDOROFF PATHWAY)

=> d l3 ti abs ibib tot

L3 ANSWER 1 OF 1 USPATFULL on STN

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L2 1 S L1 AND (METHANOL UTILIZING BACTERIA)
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3 FILES SEARCHED...

L4 1 L1 AND (2-KETO-3-DEOXY-6-PHOSPHOGLUCONATE ALDOLASE)

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L4 ANSWER 1 OF 1 USPATFULL on STN

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L4 1 L1 AND (2-KETO-3-DEOXY-6-PHOSPHOGLUCONATE ALDOLASE)

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L4 1 S L1 AND (2-KETO-3-DEOXY-6-PHOSPHOGLUCONATE ALDOLASE)

=> s l1 and methylophilus

L5 2 L1 AND METHYLOPHILUS

=> d l5 ti abs ibib tot

L5 ANSWER 1 OF 2 USPATFULL on STN

TI L-Amino acid-producing microorganism and method for producing L-amino acid

AB L-amino acids are produced by culturing a microorganism which has an

ability to produce the L-amino acid, but has been modified so that expression of the ybjE gene has been enhanced. The L-amino acid is collected from the culture medium or from the microorganism.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2006:21522 USPATFULL
TITLE: L-Amino acid-producing microorganism and method for producing L-amino acid
INVENTOR(S): Ueda, Takuji, Kawasaki-shi, JAPAN
Nakai, Yuta, Kawasaki-shi, JAPAN
Gunji, Yoshiya, Kawasaki-shi, JAPAN
Takikawa, Rie, Kawasaki-shi, JAPAN
Joe, Yuji, Kawasaki-shi, JAPAN

| | NUMBER | KIND | DATE |
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| PATENT INFORMATION: | US 2006019355 | A1 | 20060126 |
| APPLICATION INFO.: | US 2005-44347 | A1 | 20050128. (11) |

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|-----------------------|---|----------|
| PRIORITY INFORMATION: | JP 2004-23347 | 20040130 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | CERMAK & KENEALY LLP, ACS LLC, 515 EAST BRADDOCK ROAD, SUITE B, ALEXANDRIA, VA, 22314, US | |
| NUMBER OF CLAIMS: | 19 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 16 Drawing Page(s) | |
| LINE COUNT: | 2401 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 2 USPATFULL on STN

TI Method for producing L-amino acid using methylotroph
AB The present invention describes a method for producing an L-amino acid comprising culturing a microorganism having an ability to produce an L-amino acid in a medium, whereby the L-amino acid accumulates in the medium, and collecting the L-amino acid from the medium, whereby said microorganism comprises a methanol-utilizing bacterium having the Entner-Doudoroff pathway in which 6-phosphogluconate dehydratase activity and/or 2-keto-3-dexoy-6-phosphogluconate aldolase activity is enhanced.

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L6 L5 an dl3

L5 gunji.in.

DB=USPT; PLUR=YES; OP=OR

L4 gunji.in.

L3 L2 and (2-keto-3-deoxy-6-phosphogluconate dehydratase aldolase)

L2 L1 and (L-amino acid production)

L1 methylophilus

Hit Count Set Name

result set

0 L7

4189 L6

97 L5

238 L4

23 L3

93 L2

93 L1

END OF SEARCH HISTORY

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L7 L4 and l3

DB=PGPB; PLUR=YES; OP=OR

L6 L5 an dl3

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